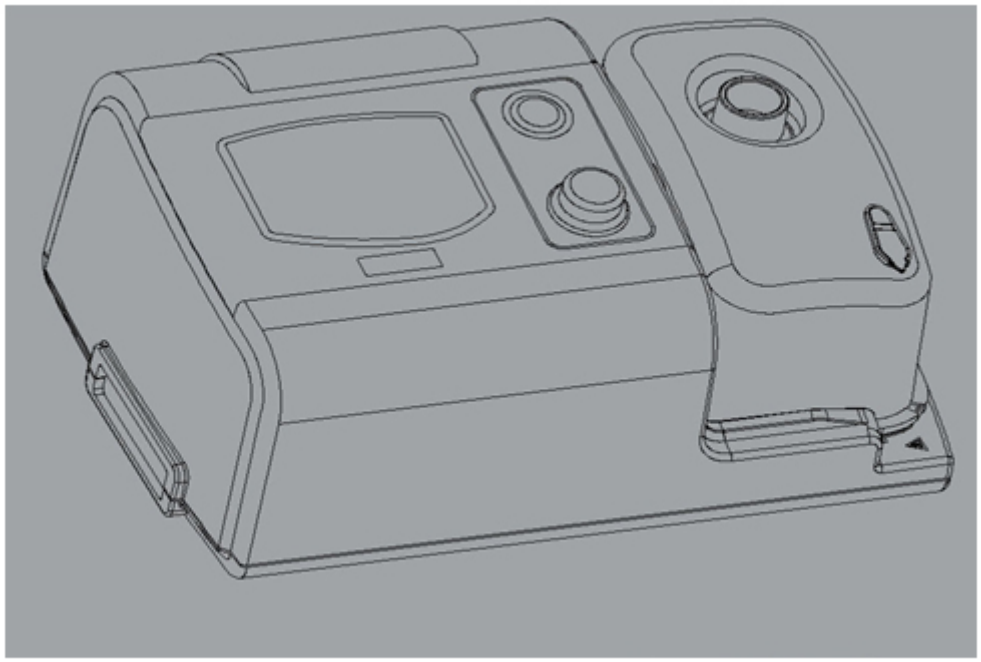
(Bi-level PAP)
Sleep Apnea Therapeutic Device
OLV-B18 User Manual



Zhengzhou Olive Electronic Technology CO.,Ltd.

Dear Customer,

Thank you for using our sleep apnea therapeutic device BIPAP OLV-B18, which adopts the nasal continuous positive pressure therapy to treat or slow respiratory related diseases. We sincerely hope that the product will bring you health and happiness. In case you have any suggestions or dissatisfaction, please contact us at any time. If you need further information, please contact us and we may provide relevant information as the case may be.

Note:

- Please read the Instructions carefully before the use of the device.
- Please keep the Instructions for future reference.
- Please operate the device strictly in a ccordance with the Instructions.

Contents

1 Introduction

1.1 Purpose of Device

The BIPAP OLV-B18(hereinafter referred to as OLV-B18) is bilevel continuous positive airway pressure device is mainly used in the family and clinical treatment of obstructive sleep apnea-hypopnea syndrome (OSAHS) or respiratory insufficiency. Is to be used only on the instruction of a licensed health care professional.

The Device can be set respectively the IPAP (inspiratory positive airway pressure) and the EPAP(expiratory positive airway pressure). It performs the therapy through the corresponding airway pressure set by professionals according to different degrees of users' apnea when in use and it runs continuously.

In order to provide the user with the air with suitable temperature and humidity, avoid drying of user 's nasal mucosa and increase user comfort, the humidifier works with the host. The start and ending of the humidifier is controlled by the host, the principle of which is to make the air inhaled by the user heated and humidificated by heating the water in the humidifier.

1.2 Applicable Scope

OLV-B18 is mainly suitable for OSAHS or respiratory insufficiency patient and is not suitable for children or the user who cannot safely use it physically, sensorily or intellectually without assistance or supervision.

1.3 Warnings, Cautions and Contraindications

1.3.1 Warnings

Warnings indicate that it may have potential injuries to the user or operator. Note that there are more warnings and cautions in the Instructions and please read it carefully.

- The Instructions is for reference. The descriptions in it cannot be a substitute for professional medical guidance on the use of the device.
- The operator shall completely read and understand the contents of the Instructions before using it.
- The device is not suitable for life support.
- All attachments of the device can only be recommended by Olive or related professionals.

- The nasal mask cannot be used until the device is booted and operates normally.
- The device must be kept dry with a smooth flexible tubing and mask exhalation port before running.
- In case of abnormality of the device found when it runs, disconnect the power immediately and empty the water in the humidifier and stop using it. Thereafter, you may contact with our company or the authorized dealer of our company to negotiate a solution.
- When there is insufficient fresh air in the mask before the running of the device, the air exhaled by the user after wearing the mask may be inhaled again.
- It is not recommended to use the device together with oxygen, so as to avoid causing a fire.
- Do not use the device in the environment with flammable anesthetic mixture and oxygen or air or the nitrous oxide environment.
- Do not come close to the source of toxic or harmful vapors when using the device.
- Do not use the device when the room temperature is higher than 35℃. If the device is used at the room temperature higher than 35℃, the air temperature may be higher than 41℃, which will cause airway irritation or damage.
- Do not operate the device in direct sunlight or the environment near a heating device. Otherwise, the air temperature output from the device will rise.
- In case of the sleep apnea again, please contact with healthcare professionals.
- In case of any inexplainable changes found during the device operation, unusual or harsh sound from the device, or the enclosure damaged, turn off the power immediately and empty the water in the humidifier and stop using it. Thereafter, you may contact with the authorized dealer of our company to negotiate a solution.
- Repairs and adjustments must be performed by our company or the maintenance personnel authorized by our company. The unauthorized repairs and maintenance may lead to injury, voidness of warranty or

significant economic losses.

- Regularly check whether wires or cables are damaged or worn. In case of any damage, please stop using and replace it.
- Disconnect the power plug before cleaning the device to avoid electric shock. Do not immerse the device in any liquid.
- Place the host in a position lower than the user mask when using the device, to prevent the water condensed in the flexible tubing from possibly flowing into the user nasal cavity, resulting in user suffocation.
- If the humidifier leaks or is damaged, do not use the device. It cannot be continued to use until the replacement of the damaged part.
- Do not contact the heater plate until the device power is turned off and the heater plate cools down.
- Do not add the water above 35℃ in the water chamber.
- Do not splash the water in the device when installing the water chamber in the host.

1.3.2 Cautions

Cautions indicate it may damage the device. Note that there are more warnings and cautions in the Instructions. Please read it carefully.

- Please boot the device and then put on the mask before using the device;
- If the device is exposed at a too-high or too-low temperature previously, make it return to the room temperature (operating temperature) before therapy. Do not operate the device beyond the range of non-operating temperature.
- Do not immerse the device in any liquid, or allow any liquid to enter the enclosure or the filter cap at the inlet. Do not place the device in or above a container where the water may retain.
- The condensation water may damage the device. Be sure to enable the device to reach the room temperature before use.
- The normal operation should require a properly installed and undamaged air inlet filter cap.
- The smoke generated by smoking will make the tar gathering on the outer shell, resulting in the failure of the device.
- If the liquid splashes on the heater plate, disconnect the power and then use it again after the device is drained and dried.

- Take preventive measures to avoid device damages due to water.
- Only distilled or pure water can be used in the water chamber. Other liquid may damage the humidifier and device and even endanger the user.
- Do not exceed the maximum water level marked in the water chamber when adding water into the water chamber.
- Do not splash the water in the device chamber when ins talling the water chamber in the device.
- Do not tilt the device, so as to prevent the water in the water chamber from flowing back to the device. If it happens, please disconnect the power and stop using it.

1.3.3 Contraindications

When evaluating relative risks and benefits of using the device, clinicians should be aware that the pressure provided by the device may be up to 20cmH_20. In case of a single fault, the max pressure should be not more than 30cm H_20. Studies have shown that some patients with the following circumstances may not be suitable for the therapy with the device.

- Bullous lung disease
- Pneumothorax
- Pneumomediastinum
- Serious lack of effective circulating blood volume with shock
- The one in a com a or disturbance of consciousness and unable to cooperate with or accept the nasal mask treatment
- Lots of respiratory secretions and coughing, weak breathing independently
- Pathological hypotension
- Pneumothorax when using nasal continuous positive airway pressure. Be careful when making prescriptions for the following susceptible patients with the treatment by the sleep apnea therapeutic device: cerebrospinal fluid (CSF) leakage, cribriform plate malformation, brain trauma history and / or pneumothorax. (Chest 1989;96:1425-1426)

Those with symptoms of sinusitis or otitis m edia should be not suitable to adopt the positive airway pressure treatment. Patients with upper airway obstruction and alcoholics should be not suitable to adopt it. In case of any questions about the treatment, please contact your doctor.

1.4 Device Components and Descriptions

1.4.1 Device Components

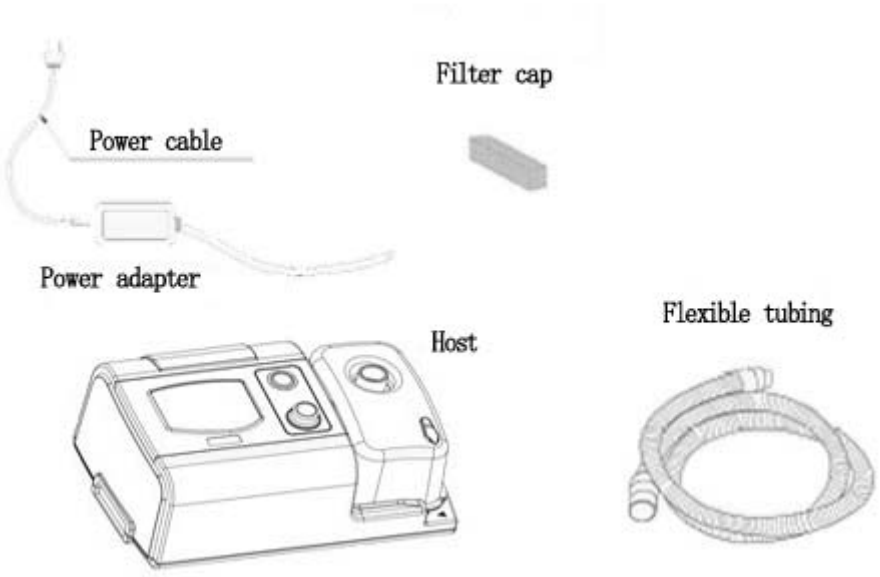


Fig.1-1 Device Components

1.4.2 Device Host Composition

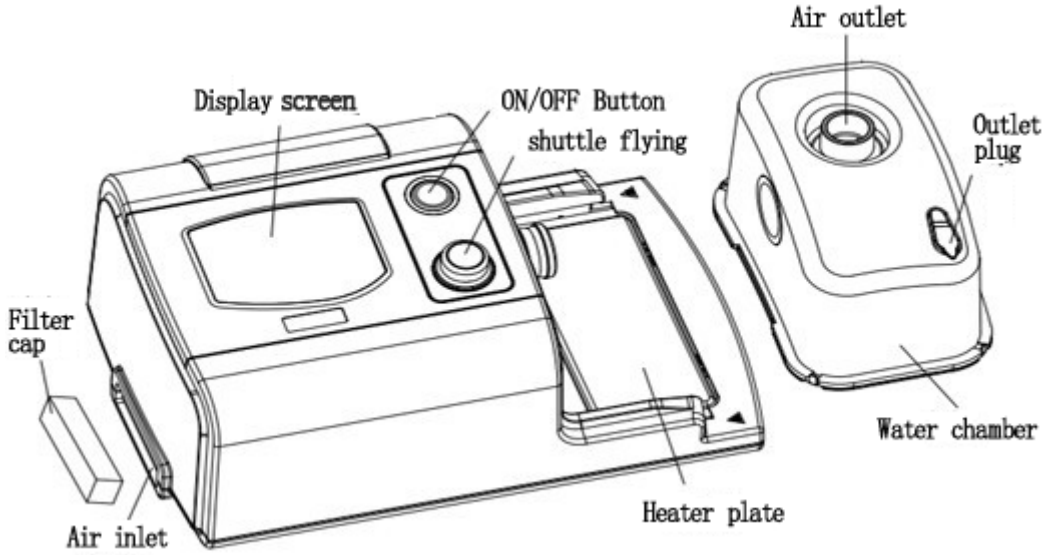


Fig. 1-2 Front Panel of Host

1.5 List of Terms

Terms and abbreviations in the Instructions are as follows:

Term/Abbreviation	Definition
shuttle flying	Able to be rotated clockwise or counterclockwise and be pressed.
ON/OFF button	Enable the device in a booting or standby state
booting state	The host motor works; the humidifier works as set by the user. The device turns to the state of providing fresh air for the user.
Standby state	The host motor stops working. If the humidifier is on, turn it off.

1.6 List of Symbols

There are the following symbols on the device.

Symbol	Definition
	BF-type application part
	Class II (double insulation)
	Caution
IPX1	Degree of Protection Against Ingress of Water
	In line with the *Waste Electrical and Electronic Equipment /the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment*
	The surface is hot. Be careful.

There is the following symbol in the Instructions.

Symbol	Definition
	Warnings, cautions

2. Features

2.1 Buttons

1. ON/OFF button: It may turn on or off the device and close alarms. If the device is connected to the power, the ON/OFF button indicator will be on.

2. Shuttle flying: It can be rotated clockwise/countercl ockwise or be pressed. When it is rotated clockwise, it may move to the next focus on the current interface or enlarge the parameter or come to the next parameter. When it is rotated counterclockwise, it may move to the previous focus on the current interface or diminish the param eter or com e to the previous parameter. Press the shuttle flying, it may perform the functions indicated by the current focus, or enter / edit the interface/control.

⚠ Do not remove the shuttle cap. The m etal rod in the shuttle m ay contact the external current, resulting in the dam age of the host. If the shuttle cap falls off, you may contact the dealer or us to purchase a new shuttle cap.

⚠ In case of the button failure, you m ay contact the dealer or us to consult for a solution.

⚠ After the screen back light is turned off, press any button to activate the screen backlight. Such a press on the button will not cause any operation.

2.2 Display Screen

A LCD display screen is adopted in the device to m ainly show current device parameters and states to the user and operator. Please refer to Chapter 3 Device Operation for more interface operation.

⚠ If the display does not work normally, please contact us or the dealer for repair.

2.3 Power Adapter and Power Interface, Manufacturers Custom Interface

1. The power adapter is mainly to transfer the external power (electric supply) into the voltage and current required for the operation of the device.

⚠ Please use the power safely at the power connection part.

⚠ Please adopt an appropriate power adapter socket when using the device in

other countries.

⚠ Do not block the power connector or splash any liquid, shorten the circuit and touch the power connector.

⚠ Please unplug the power from the external power connector and the device power connector and put it in a safe place when the device is not used.

⚠ When the power is connected to the ex ternal electric supply, do not touch the power outlet or make the power outlet contact with or placed in any metal, liquid, flammable gases or other items that may cause danger. Please connect it to the power connector when using the device and disconnect the device when not using it.

2. The m anufacturers' custom interface is mainly the one the manufacturer use to maintain the device.

⚠ Do not block, short the circuit or splash the liquid.

2.4 Humidifier Function

The humidifier is mainly to provide the user with the air with a suitable temperature and humidity by heating the water in the water chamber. If you don' t need the humidification function, you may turn off the humidifier. Please refer to 3.4 for how to turn on and off the humidifier.

⚠ See 1.3 W arnings, Cautions and Contraindications for more precautions of the humidifier.

2.5 Warning Function

2.5.1 Power Outage Alarm

In the booting and using process of the device, in case of power outage, the user may re-inhale the exhaust air when the nasal mask is not removed. Therefore, if the power failure occurs in a booting state when in the normal use of the system, the system, the system will provide an audible alarm by buzzer with a duration greater than or equal to 30 seconds. During the alarm, press the ON/OFF button, or turn on the device again, and the alarm will stop. After it is turned on again, the system will enter the normal state.

2.6 Interface

2.6.1 Main Interface and Sub-interface

The device has one main interface and five sub-interfaces, as shown in Fig.2-1 to 2-15.

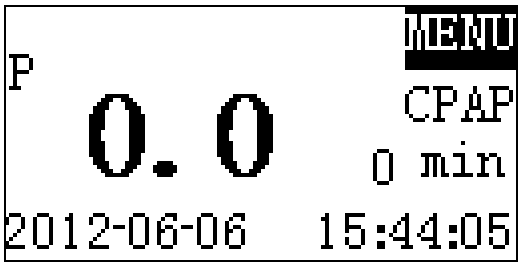


Fig.2-1 CPAP Main Interface 1

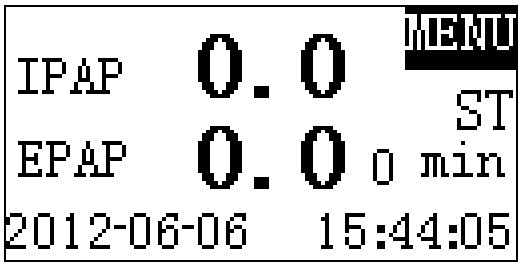


Fig.2-2 S/T Main Interface 1

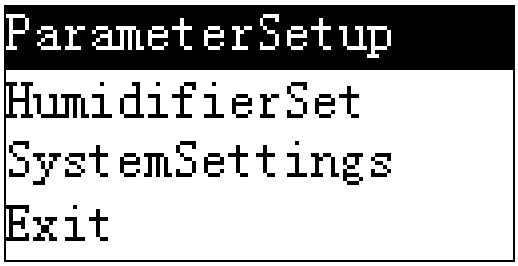


Fig.2-3 Main Interface 2

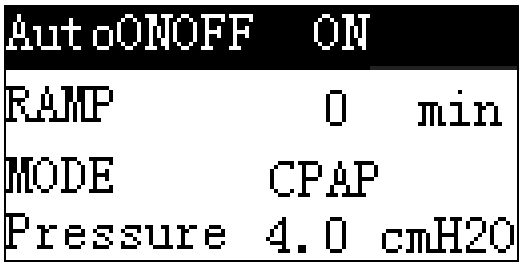


Fig.2-4 CPAP Working Mode

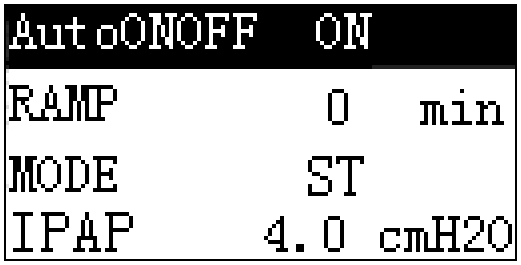
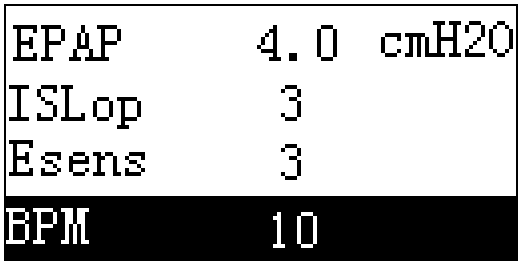


Fig. 2-5 S/T Working Mode 1



Fi g.2-6 S/T Working Mode 2

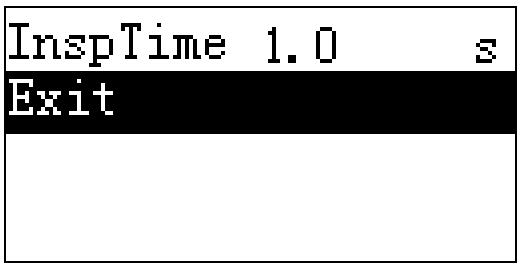


Fig. 2-7 S/T Working Mode 3

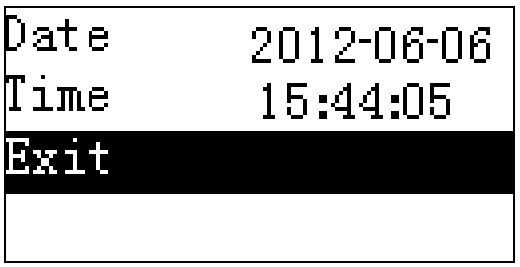
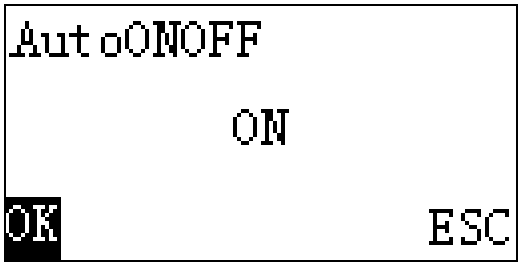


Fig.2-8 System Setting



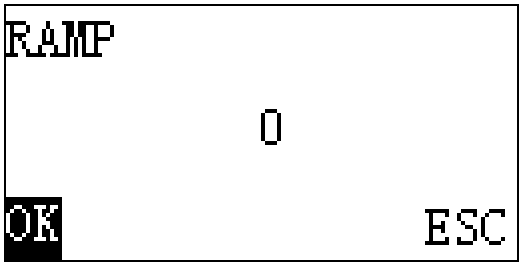


图 2-9 Working Mode Sub-interface

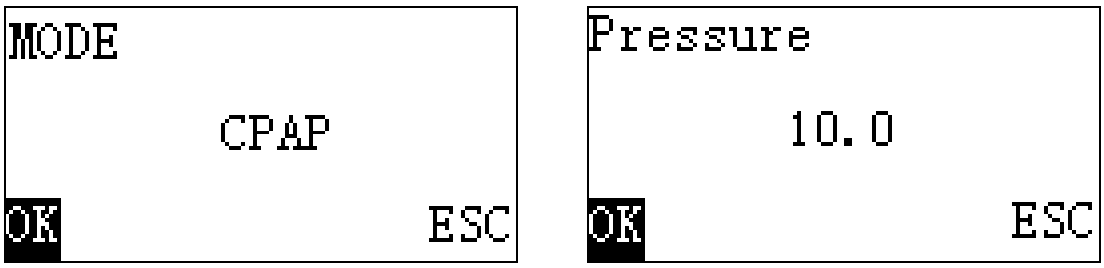


Fig. 2-10 Working Mode Sub-interface

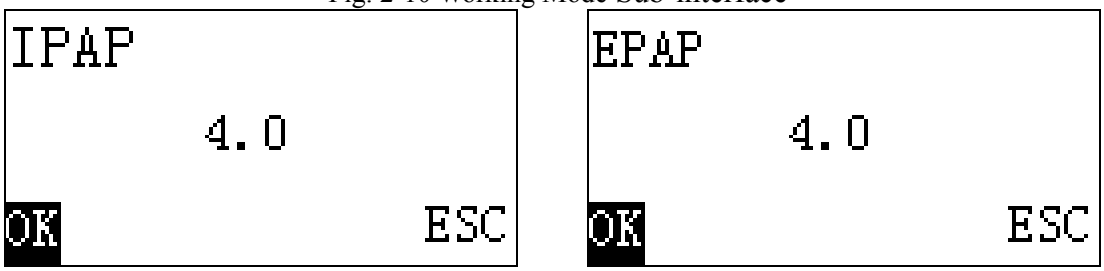


Fig. 2-11 Working Mode Sub-interface

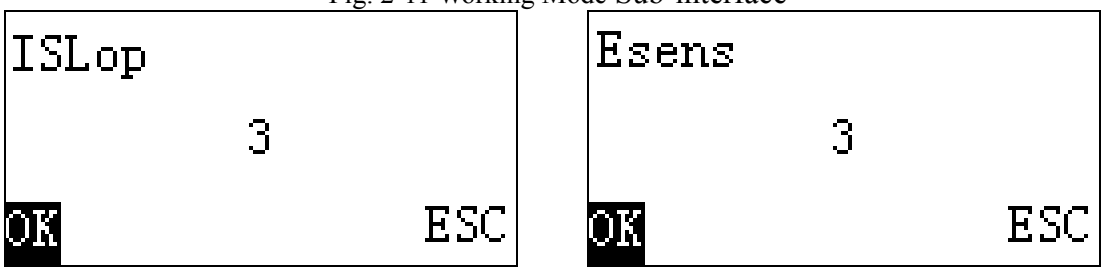


Fig. 2-12 Working Mode Sub-interface

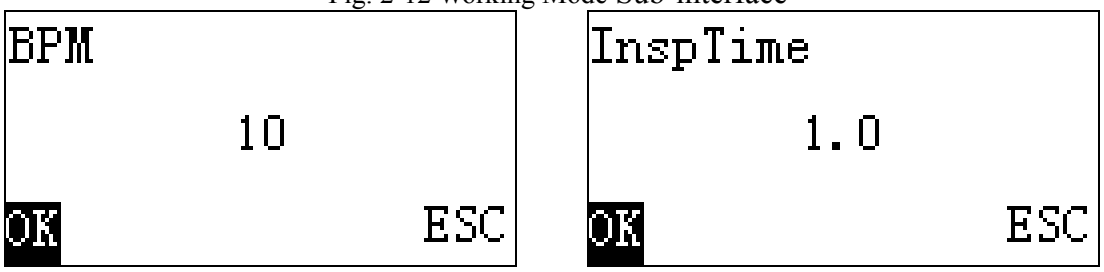


Fig. 2-13 Working Mode Sub-interface

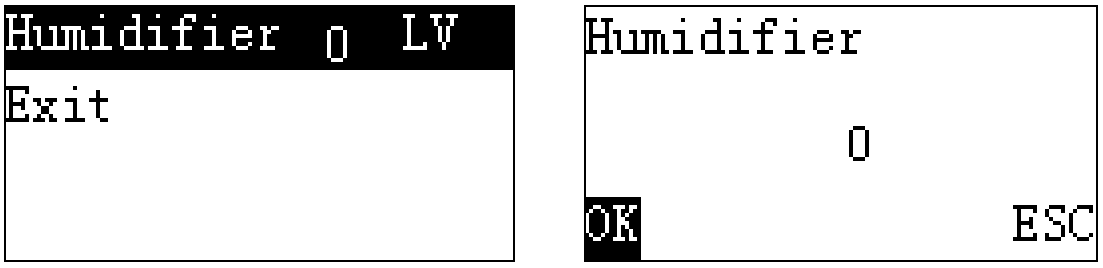


Fig.2-14 Humidifier Setting Interface

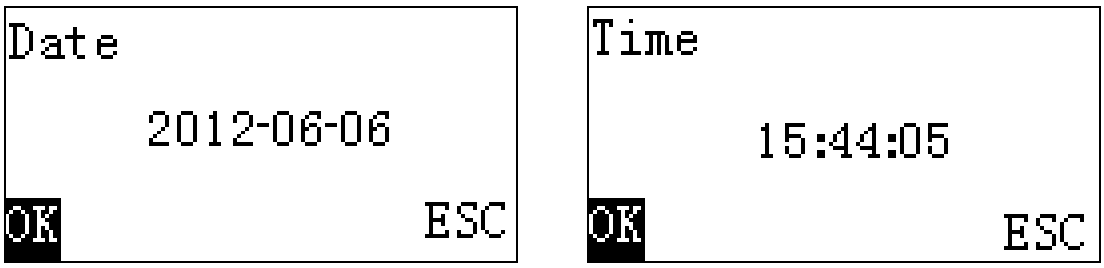


Fig.2-15 System Setting Sub-interface

2.6.2 Interface Small Icon

There are following small icons on the interface.

Icon	Description
	Indicating USB connecting the device
	Indicating that the humidifier has been booted and is heating
	Indicating the motor has been booted and is running
	Indicating that the Ramp has been booted.

2.7 Flexible Tubing, Nasal Mask, Headgear

⚠ See 4.3 for the maintenance and cleaning of the flexible tubing, nasal mask and headgear.

⚠ In case of any damage to the flexible tubing, nasal mask and headgear, or the deadline is exceeded, please replace them immediately.

3. Device Operation

3.1 Device Inspection and Connection Method

When connecting to the device, inspect it according to the following sequence before using it.

1. Inspect whether the power supply is damaged or it is possible to cause the power leakage.

2. Inspect w hether the filter cap has obvious dust and replace it immediately in case of any dust.

3. In case of any da mage to the flexible tubing, nasal m ask and headgear, or the deadline is exceeded, please repace them.

4. If the water chamber cracks, leaks or deforms, please replace it.

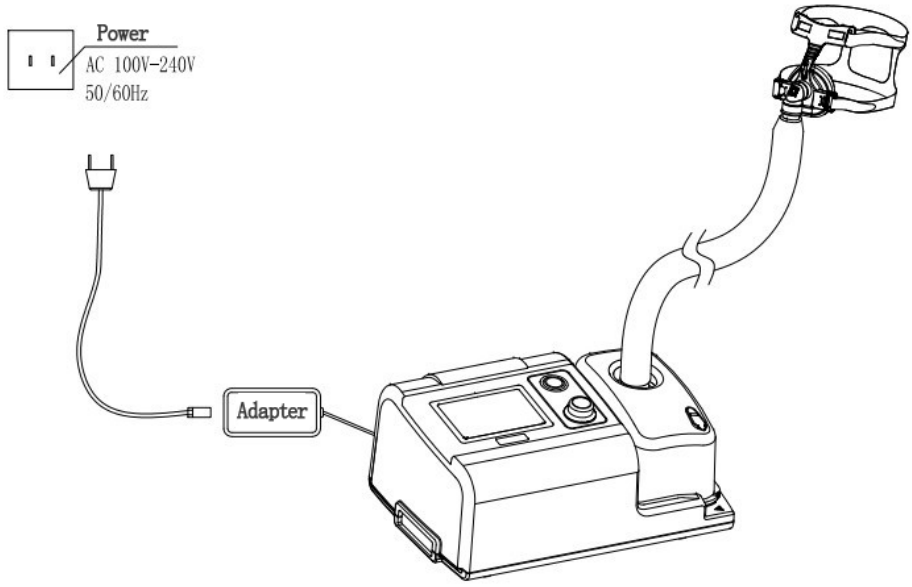
5. Inspect whether the power supply interface is blocked or shorted.

6. Inspect whether there is a shuttle flying cap.

7. Inspect whether the host is damaged. The damage may cause the user inhaling the unfiltered gas.

8. Inspect whether there are foreign objects in the water chamber.

Refer to the following figure for the connection method.



1. Push the water chamber into the host. Please refer to 3.2 Use of Water Chamber.

2. Connect one end of the flexible tubing to the water chamber outlet while the other end to the nasal mask inlet.

3. Put the filter cap into the host inlet.

4. Plug the power adapter into the socket not controlled by the wall switch.

5. Start up the device and wait for more than 10 seconds to exclude the exhaust gas in the dead space of the host and pipes.

6. Put on the mask to use the device.

⚠ Place the device on a solid and flat surface near the place where it is easy to approach but not easy to fall off and is lower than the sleep position.

⚠ Ensure that the device inlet is not shaded by beddings, curtains or other objects.

⚠ Make sure that the air surrounding the device can flow freely, so as to facilitate the system to provide better gas to the user.

⚠ Ensure that the device is far away from any heating or cooling equipment (such as mandatory vent, radiator and air conditioning, etc.).

⚠ Do not place the device directly on a carpet, fabrics or other flammable materials.

⚠ Do not place the device in or on a container where the water may retain.

⚠ Make sure that the drainage hole in the bottom of the device is not blocked.

⚠ Take preventive measures to prevent the device from being damaged due to water.

⚠ Do not start up the device before installing the water chamber.

⚠ Do not move the device when there is water in the water chamber, to prevent the water splashing into the host or flexible tubing.

3.2 Use of Humidifier

3.2.1 Installation

1. Refer to 4.2 Water Chamber Cleaning and Maintenance before use for cleaning the water chamber.

2. Use a funnel to add distilled or pure water in the water chamber in case the humidification is required.

⚠ It is recommended adding suitable warm water in the winter. The water temperature should not exceed 35℃.

⚠ The water added should not exceed the maximum water level.

⚠ Please turn off the humidifier if the water runs out when the humidifier runs or stop operating and add the water again. Do not add water when the humidifier in a dry heating condition. Please asd the water when the humidifier cools down to the room temperature.

⚠ Be careful to not splash the water in the host when adding water.

3. It is recommended to directly push the water chamber into the host with the host facing up.

⚠ Please push in the water chamber completely so as to meet the host outlet.

⚠ Do not touch the heater plate.

⚠ Do not tilt the water chamber.

3.2.2 Un-installation

Refer to Clause 3 of 3.2.1 Pushing Method to take out the water chamber.

3.3 Enabling/Disabling Device

Press the on/off button to start up the device after prop erly installing the device. Press the on/off button to turn off the device in the operation.

⚠ Please refer to 3.1 and 3.2 before starting up the device.

⚠ Please disconnect the power from the socket when turning off the device.

⚠ Turn off the device, uninstall the water chamber and em pty the water in the water chamber.

3.4 Parameter Settings

Refer to 2.6.1, you may find the position of the parameter that you need to set and then modify it.

E.g.: Modifying pressure 4cm H_2O as 5cm H_2O (if you are on the main interface currently, the focus should be on the icon of the parameter settings).

Press the shuttle flying -> rotate the shuttle clockwise once -> press the shuttle flying -> rotate the shuttle clockwise once (the clockwise rotati on increases pressure while the counterclockwise decreases pressure. You may set the max as 20cmH_2O while the min as 4cmH_2O with the increase step as 0.5 c mH_2O) -> press the shuttle flying (save and exit parameter settings).

E.g.: Setting the time 09:37: 15 as 09:37:20 (if you are on the main interface currently, the focus should be on the icon of the relevant parameter setting of the system).

Press the shuttle flying -> ro tate the shuttle counterclockw ise once-> press the shuttle flying -> rotate the shuttle clockwise twice -> press the shuttle flying into edit mode -> rotate the shuttle clockwise for five times -> press the shuttle flying and exit the edit mode.

4. Cleaning and Maintenance

4.1 Host Cleaning and Maintenance

1. Disconnect the device power supply.

2. Use clean water or neutral deter gent to soak a cloth and then wipe the front

panel and the surface of the outer shell.

3. Dry the device.

⚠ Please avoid the liquid flowing into the device during cleaning.

4.2 Water Chamber Cleaning and Maintenance

1. Disconnect the device power supply.
2. Remove the water chamber.
3. Empty the water in the water chamber if any.
4. Clean the water chamber with detergent or neutral detergent.
5. Clean it with clean water.
6. Dry it.

Please clean it at least once per day if it is often used.

⚠ In case of any cracking, leaking, deformation to the water chamber, please replace the water chamber.

⚠ Empty the water in the water chamber everyday to prevent the water chamber from breeding mold and bacteria.

4.3 Flexible Tubing Cleaning and Maintenance

1. Disconnect the device power supply.
2. Remove the water chamber and nasal mask from the flexible tubing.
3. Put the flexible tubing in the detergent or neutral detergent to clean gently.
4. Clean it with water.
5. Dry it.

⚠ Replace the tubing immediately if it is damaged.

4.4 Nasal Mask Cleaning and Maintenance

Please refer to the relevant nasal mask cleaning manual.

4.5 Filter Cap Cleaning and Replacement

Filter cap is an item used for a short time, which should be one to two weeks.

⚠ Please replace the filter cap if it is damaged.

⚠ It is prohibited installing a wet filter cap into the host.

⚠ The filter cap must be installed before booting.

4.6 Device Maintenance

Please contact with our company or the dealer authorized by our company.

5 Common Problems Analysis and Troubleshooting

Phenomenon	Possible cause analysis	Troubleshooting
Nothing displayed on the screen or it does not enter the main interface after it is turned on.	The device power supply is not well connected.	Disconnect the device power plugs and re-connect the power supply correctly
The device beeps after it is turned on.	The device power supply is not well connected.	Disconnect the device power plugs and re-connect the power supply correctly
The device fails to stop automatically after the nasal mask is removed.	The option of "Auto on/off" is closed.	Set the option of "Auto on/off" as "On"
Nose and throat are dry with irritation symptoms	Dry air	Increase the temperature of the humidifier or consult the doctor.
The nose turns cold	The room temperature is low	Increase the room temperature
Nose and throat are dry	Nose and throat are dry when breathing with an open mouth	Possibly the pressure set in the device is insufficient. Please consult the doctor.
Eyes are irritated or dry.	The nasal mask leaks or the size of the mask is not suitable.	Adjust the position of the nasal mask and the tightness of the headgear, consult the doctor whether it needs to be replaced. Please replace the nasal mask promptly when it is aging. try other models of nasal masks.
Some redness or inflammation in the part contacting with the face and the nasal mask	The headgear is too tight. The mask model is not suitable. Allergic to the mask material	Adjust the headgear appropriately Consult the doctor Consult the doctor
There is water in the nasal mask	The room temperature is too low, resulting in the water condensation in the mask.	Reduce the temperature of the humidifier or increase the room temperature. Pack the flexible tubing with a towel or similar heat preservation soft cloth
The device has a high pressure that has not been set or the pressure fluctuation is too great.	There is water drop or blocking in the pressure sampling tube. Whether the pressure sampling tube is connected to the host.	Completely dry or exclude the pressure sampling tube blocking Inspect whether the connection is correct.
The nose, para nasal sinus or ear hurts	Inflammation	Stop using and consult the doctor
OSAHS recurrence (e.g.: excessive daytime sleepiness)	The treatment pressure that you require may be changed due to your weight, nasal obstruction, drinking or other reasons.	Consult the doctor
The temperature of the air inhaled is too high	The filter cap is too dirty and the inlet is blocked.	Replace the filter cap Inspect the inlet

	The device is too close to the wall, curtain or other objects, resulting in the non-smoothness of the air flow	Move the device to a place with a smooth air flow, at least 20cm from the wall, curtain or other objects
No gas output	Device fault Water entering into the pressure sampling tube	Contact with the maintenance service center of our company Dry the pressure sampling tube
The output gas flow is too small.	In a Ramp working state The inlet is blocked	Shorten the time of Ramp Inspect the inlet
The fan is often in a state with very high rotation speed	The pressure is disconnected, resulting in blocking The device leaks.	Inspect the pressure sampling tube Contact with the maintenance service center of our company
The device does not run after booting	The device has failure.	Contact with the maintenance service center of our company
Although the motor runs, the nasal mask pressure and the pressure set are obviously inconsistent.	The flexible tubing leaks. The pressure sampling tube is connected incorrectly or blocked.	Inspect whether the connection is correct and reliable. Contact with the maintenance service center of our company
The device can only generate low pressure.	The filter cap or the inlet is blocked The treatment pressure has been re-adjusted. The Ramp is set	Replace the filter cap, clean the inlet Contact with the attending doctor If necessary, you may cancel the Ramp or reset the Ramp time.
The device is too noisy	The flexible tubing is not connected or is not connected correctly. The nasal mask or flexible tubing leaks.	Inspect whether the equipment connection is correct. Inspect whether the flexible tubing leaks.
The pressure cannot be set	In a Ramp state	Please exit from the Ramp state and re-set it.
Ramp cannot be set	In a Ramp state	Please exit from the Ramp state and re-set it.

6. Appendices

6.1 Technical Parameters

Environmental Specifications

	Working	Saving
Temperature	5℃ to 35℃	-20℃ to 60℃
Humidity	15% to 95% (no condensation)	15% to 95% (no condensation)
Atmosphere pressure	77 to 101kPa	Inapplicable

Physical Specifications

Dimension	255mm*170mm*112mm
Weight	1.8Kg
Water capacity	MAX 200ml

Parameter Scope

Pressure	4cmH_2O to 20cmH_2O ±1cmH_2O with the step of 0.5cmH_2O
IPAP	4cmH_2O to 20cmH_2O ±1cmH_2O with the step of 0.5cmH_2O
EPAP	4cmH_2O to 20cmH_2O ±1cmH_2O with the step of 0.5cmH_2O
ISlop	1-6 level
Esens	1-6 level
BPM	4-40BPM
InspTime	0.5-3.0s
Ramp	0 -60 min
EPR	0 level Close EPR 1 level setting pressure -2cmH_2O 2 level setting pressure -3cmH_2O 3 level setting pressure -4cmH_2O
Humidifier	0 gear close the humidifier 1 level 45 ℃ 2 level 50 ℃ 3 level 55 ℃ 4 level 60 ℃ 5 level 65 ℃
System time	24-hour
Back Light	30seconds,60seconds,90seconds,120seconds,150seconds,240seconds,330seconds,420seconds,510seconds,600seconds

Electrical Specifications

Power adapter	Model: DSS-240250 60VA Input: 100-240V,50-60Hz Output: +24V,2.5A
Type of protection Against Electric shock	Class II Equipment
Degree of Protection Against Electric shock	BF-type application part
Degree of Protection Against Ingress of Water	IPX1
Sound Pressure Level	<30dB,when the device is working at the pressure of 10cmH2O

Pressure accuracy

According to YY 0671.1 – 2009 standard, the maximum static pressure variations at 10cmH2O for 10.0-10.1 cmH2O.

According to YY 0671.1 – 2009 standard, the device at the maximum adjustable 1/3, 2/3 and maximum of maximum dynamic pressure changes.

压力（cmH2O）	10 BPM	15 BPM	20 BPM
7 0.2	8	0.55	1.04
14 0.4	9	0.72	1.15
20 0.5	5	0.81	1.28

Maximum flow

According to YY 0671.1 – 2009 standard, the device at the maximum adjustable 1/3, 2/3 and maximum of maximum flow is 165L/min.

Notes:

The design of the device as a whole host and humidifier, all test data were carried out under conditions with a humidifier.

6.2 Waste Management

Except for the device parts and packaging boxes designated specifically and used, please follow the following instruction: Please dispose them according to relevant national laws and regulations or send them back to our company for disposal.

6.3 Quality Assurance

From the date of purchase with one year of host warranty.

Our company states not to undertake the losses caused due to user misuse, abuse or accidents.

The damage of the device since the water enters into the device due to improper use should not be covered under warranty.

The host should not be apart without the permission of our company. Otherwise, it should be deemed as the user abandoning warranty.

The waste items or device should be disposed according to relevant local laws and regulations or sent back to our company for disposal

6.4 Packing List

Host ×1, water chamber ×1, power adapter ×1, filter cap ×2, flexible tubing ×1, instructions ×1, backpack ×1, nasal mask ×1.